



U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

03 CO #4

**INFORMATION DISCLOSURE
STATEMENT**

Docket Number:
10020/21302

RECEIVED
JUN 26 2002
TECHNOLOGY CENTER 2800

Application Number
10/087,417

Filing Date
March 1, 2002

Examiner
To be assigned

Art Unit
2879

Invention Title
**DOUBLE DOPED-LAYER, PHOSPHORESCENT
ORGANIC LIGHT EMITTING DEVICES**

Inventor(s)
ADACHI et al.

Address to:
Commissioner for Patents
Washington D.C. 20231

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on

Date: June 20, 2002

Signature: 

Kevin T. Godlewski (Reg. No. 47,598)

1. In accordance with the duty of disclosure under 37 C.F.R. § 1.56 and in conformance with the procedures of 37 C.F.R. §§ 1.97 and 1.98 and M.P.E.P. § 609, attorneys for Applicants hereby bring the attached references to the attention of the Examiner. These references are listed on the attached modified PTO Form No. 1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.
2. A copy of each patent, publication or other information listed on the modified PTO form 1449 is enclosed.
3. It is believed that no fees are due in connection with this Information Disclosure Statement. However, should any fees be due, the Commissioner is authorized to charge Deposit Account No. 11-0600 for such fees. A duplicate copy of this communication is enclosed for charging purposes.

Dated: June 20, 2002

By: 

Kevin T. Godlewski (Reg. No. 47,598)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

PTO-1449

DOCKET NO.
10020/21302

SERIAL NO.
10/087,417

APPLICANT
ADACHI et al.

FILING DATE
March 1, 2002

GROSS ART UNIT
2879

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE
	5,703,436	December 30, 1997	Forrest et al.			
	5,707,745	January 13, 1998	Forrest et al.			
	6,013,538	January 11, 2000	Burrows et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS

EXAMINER INITIAL		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
		M. A. Baldo, et al., "Highly efficient phosphorescent emission from organic electroluminescent devices," Nature, September 1998, Vol. 395, pp. 151-154.
		D.F. O'Brien, et al., "Improved energy transfer in electrophosphorescent devices", <u>Applied Physics Letters</u> , Vol. 74, Number 3, pp. 442-444, (January 18, 1999).
		M.A. Baldo, et al., "Very high-efficiency green organic light-emitting devices based on electrophosphorescence", <u>Applied Physics Letters</u> , Vol. 75, No. 1, pp. 4-6, 5 July 1999.
		T. Tsutsui et al., "High quantum efficiency in organic light-emitting devices with iridium-complex as a triplet emissive center", Japanese. J. Appl. Phys., Part 2, No. 12B, vol. 38, pp. L1502-1504 (15 December 1999).
		C. Adachi, et al., "High-efficiency organic electrophosphorescent devices with tris(2-phenylpyridine) iridium doped into electron-transporting materials", <u>App. Phys. Lett.</u> , Vol. 77, No. 6, pp. 904-906, (7 August 2000).
		M. J. Yang et al., "Use of Poly(9-vinylcarbazole) as host material for iridium complexes in high-efficiency organic light emitting devices", Japanese J. Appl. Phys., Part 2, No. 8A, vol. 39, pp. L828-829 (1 August 2000).
		C. L. Lee et al., "Polymer phosphorescent light-emitting devices doped with tris(2-phenylpyridine) iridium as a triplet emitter", <u>Appl. Phys. Lett.</u> , vol. 77, no. 15, pp. 2280-2282 (9 October 2000).
		U.S. Patent Application Serial No. 09/629,335, filed on August 1, 2000 entitled "PHOSPHORESCENT ORGANIC LIGHT EMITTING DEVICES".
		U.S. Patent Application Serial No. 09/637,766, filed on August 11, 2000 entitled "ORGANOMETALLIC PLATINUM COMPLEXES FOR PHOSPHORESCENCE BASED ORGANIC LIGHT EMITTING DEVICES".
		U.S. Patent Application Serial No. 08/964,863, filed November 5, 1997, entitled "A HIGHLY TRANSPARENT ORGANIC LIGHT EMITTING DEVICE EMPLOYING A NON-METALLIC CATHODE".
		U.S. Patent Application Serial No. 09/054,707, filed April 3, 1998, entitled "HIGHLY TRANSPARENT NON-METALLIC CATHODES".
EXAMINER		DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		